BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE
Office of the Executive Engineer, Dasarahalli Division

Negotiation Scheule-B

NAME OF THE WORK: Maintenance of borewells in ward no. 12 Shettyhalli, shettyhalli sub division Call-4

Sl.No	Description of work	Unit	Qty	Negotiation Rate quoted by Sri S PRAKASH	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Repairs to Motor Rewinding of submersible pumpsets with copper insulation wire suitable guage as per ISI specification with guarantee of 6 months, Above 5H.P Upto 10.H.P add Rs 192.50 / per Every .5HP, Above 10 H.P Upto 20 HP Add 175 per every .5 HP Complete as per specifications. 10.00 HP Complete as per specifications.	No	50.00	5310.87	five thousand three hundred ten and eighty seven paise
2	12.50 H.P Complete as per specifications.	No	20.00	6531.76	Six thousand five hundred thirty one and Seventy six paise
3	15.00 H.P Complete as per specifications.	No	20.00	7752.65	Seven thousand Seven hundred fifty two and Sixty five paise
4	Replacement of Pump parts the following main components of.submersible pump setss requiring replacement Complete as per specifications. Pump bowls	No	250.00	341.85	Three hundred fourty one and Eighty five paise.
5	Intermediate piece (I.P)with 1.P. Leaded Bronze Bush	No	40.00	793.58	Seven hundred Ninty three and fifty Eight
6	Oil seal	No	100.00	134.30	one hundred thirty four and thirty
7	Oil seal steel bush	No	40.00	146.51	one hundred fourty six and fifty one

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8	Guide Vane	No	200.00	213.66	Two hundred thirteen and sixty six paise
9	Impeller (Shell moulded with aluminium &bronze)	No	200.00	293.01	Two hundred ninty three and one paise
10	Discharge outlet (D.O) Bearing D.O Steel Bush	No	40.00	579.92	Five hundred Seventy Nine and Ninty two paise
11	D.O Bearing	No	40.00	103.78	One hundred three and Seventy Eight paise
12	Steel bearing Bush (D.O Steel Bush)	No	40.00	195.34	one hundred Ninty five and thirty four paise
13	Alen Screw	No	80.00	85.46	Eighty five and fourty six paise
14	Pump shoft made out of stainless steel centreless ground with key (up to 8 stages)+ Rs.40/- extra 20 stages	No	20.00	732.53	Seven hundred thirty two and fifty three paise
15	Pump key (stainless steel)	No	100.00	134.30	one hundred thirty four and thirty paise.
16	pump coupling (stainless steel)	No	40.00	378.48	Three hundred Seventy Eight and fourty Eight paise
17	Non-return valve (NRV) assembly complete with rubber 'O' ring	Each	50.00	634.86	Six hundred thirty four and Eighty Six paise
18	Cable Guad	Each	50.00	183.13	one hundred Eighty three and thirteen paise

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19	Strainer	Each	50.00	213.66	Two hundred thirteen and Sixty Six paise.
20	Brass Filter	Each	50.00	134.30	one hundred thirty four and thirty paise
21	Labour charges (Over hauling only)	Each	90.00	610.45	Six hundred ten and fourty five paise.
22	Upper Flange	Each	40.00	366.27	Three hundred Sixty Six and twenty Seven paise
23	Lower Housing	Each	40.00	598.24	Five hundred Ninty Eight and twenty four paise
24	Lower Flange	Each	40.00	451.73	Four hundred fifty one and Seventy three paise
25	Lock Ring	Each	40.00	97.67	Ninty Seven and Sixty Seven paise.
26	Carbon Housing	Each	40.00	451.73	Four hundred fifty one and Seventy three paise
27	Thrust bearing block assembly complete with segment bearing pad	Each	60.00	610.45	Six hundred ten and fourty five paise
28	Tip Carbon / Ferrodod Padding	Each	30.00	1953.42	one thousand Nine hundred fifty three and fourty two paise
29	Stud and Nuts	Each	100.00	97.67	Ninty Seven and Sixty Seven paise

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30	Bearing (Gun Metal) Centrifugal Cas Aluminium Bronze, Bearing Bush	Each	150.00	451.73	Four hundred fifty one and Seventy three paise
31	Circlips	Each	40.00	54.94	Fifty four and Ninty Four paise
32	Motor base with pin	Each	40.00	451.73	Four hundred fifty one and Seventy three paise.
33	Transportation of pumping machinaries	Each	180.00	671.49	Six hundred Seventy one and fourty Nine paise.
34	Labour charges for lifting of non functioning submersible pump set along with cable and GI pipes Complete as per specifications.	Each	1000.00	120.98	one hundred Twenty and Ninty Eight paise
35	Labour charges for Erection of new / repaired submersible pump set along with G.I. pipes (50/32mm), S.M cable (New submersible pump set if required will be supplied by the department free of cost and released pump set should be handed over to department) including transporation for 3 HP to 20 HP and for all depths Complete as per specifications.	Each	1000.00	97.67	Ninty Seven and Sixty Seven paise
36	Supply and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to cable 3 class 5 of IS 8130-1984 and latest amendments of IS 694 / 1990 and virgin grade PVC insulation and sheathed suitable for working voltage up to 1100 volts Complete as per specifications.	Rmt	2450.00	177.03	One hundred Seventy Seven and three paise.
37	Fabricating Supplying and Mounting MS Box Made out 14 SWG Suitable For Floor/ Wall Mounting Fully Weather Proof With Provision For Better Heat Dissipation, Provided With Hinged Front Cover, Equipped With Tamper Proof Locking Arrangements, With Suitable Size Clamps With Necessary Cable Entry Pipe With Gland and Box Should be Finished With 2 Coats Of red Oxide Primer Paint And Finally Finished With Approved Colour Enameled Metal Pain Etc., Complete as per specifications.	Sq.Cm	23.00	13673.97	Thirteen Thousand Six hundred Seventy three and Ninty Seven paise

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38	Suplying and fixing angle iron frame work fabricated out of MS angle iron and MS flat Bolts , Washers etc and painted with 2 coats of red oxide and then two coats of approved paint 40x40x6mm Complete as per specifications.	No	23.00	256.39	Two hundred fifty Six and thirty Nine paise.
39	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered incerted wooden plugs screws etc F) 20" x 20" x 2.5" Complete as per specifications.	Each	23.00	316.32	Three hundred Sixteen and thirty two paise.
40	Supplying and fixing miniature circuit breaker on existing MCB distribution board using necessary fixing materials and wiring complete as per required Complete as per specifications.	No	50.00	2106.04	Two thousand one hundred Six and four paise.
41	Supplying and fixing one of the fuse cutouts having porcelain base approved quality on the existing wooden block and wiring Complete as per specifications.	No	180.00	256.39	Two hundred fifty Six and thirty Nine paise.
42	Supplying and delivery at site brand new texmo / innoval / Lubi / Sabar / Atalanta / Calamal make suitable for vertical installation in 150mm dia borewell comprising of single stage of multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required accessories such as suction casing suction strainers sand guard Non return value etc., complete. The pump and motor shall form an integral unit with all the required fittings 15.00 HP 30 stage , Complete as per specifications.	No	20.00	78358.94	Seventy Eight thousand three hundred fifty Eight and Ninty four paise.
43	Supplying of LTUG Cable having aluminium conductor PVC insulated sheathed galvanized steel wire/ steel tape armored cable with PVC outer sheathing 1.1KV class conforming IS.1554 -PVC Cable)Complete as per specifications.	Rmtr	300.00	183.13	one hundred Eighty three and thirteen paise.
44	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., Complete as per specifications.	Cum	108.00	61.04	Sixty one and four paise
45	Labour charges for laying 1.1KV class UG cable when supplied departmentally/agency in existing trench GI pipe/stoneware pipe/on wall/on pole as required. Complete as per specifications.	Rmtr	360.00	6.10	Six and Ten paise.

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46	Supplying Fully Automatic Star- Delta Starter Unit Push Button Type With Suitable Wires 3 Contractors, One Adjustable Thermal Timer Mounted on a Common Base Plate held in Steel Enclosure For Use on 400/440 Volts 3 Phase and Wired after Fixing to the Exisiting Wooden Board For Motor, PRE Complete as per specifications.	Each	10.00	7306.47	Seven thous Three hund Six and fo Seven paise
47	Supplying and fixing single phase preventer Complete as per specifications.	Each	50.00	815.78	Eight hundred fifteen and Seventy Eight paise.
48	Supplying fixing and wiring 0 to 600 Volts 96 x 96mm AC voltmeter - Complete as per specifications.	Each	30.00	477.26	Four hundred Seventy Seven and twenty Six paise.
49	Supplying fixing and wiring 0 to 100 Amps Direct Reading AC analog Ammeter - Complete as per specifications.	Each	30.00	549.40	Five hundred fourty Nine and fourty paise
50	Supplying, fixing and wiring rotary selector switch suitable for ammeter - Complete as per specifications.	Each	30.00	477.26	Four hundred Seventy Seven and twenty Six paise.
51	Supplying, fixing and wiring rotary selector switch suitable for Voltmeter - Complete as per specifications.	Each	30.00	271.93	Two hundred Seventy one and Ninty three paise
52	Supplying and fixing for LED type panel board indicating lamp with - 220 V AC 50 Hz 12/24v DC a) Group A) Complete as per specifications.	Each	30.00	477.26	Four hundred Seventy Seven and twenty Six paise
53	Supplying and fixing of 4 pole power contactor Complete as per specifications.	Each	30.00	1026.66	one thousand twenty and Sixty Six paise
54	Providing and fixing in position 50mm nominal bore non-return valve Horizontal type of approved make including cost of all materials labour and HOM of equipments with all leads Complete as per specifications.	Nos	30.00	1166.50	one thousand one hundred Sixty six and fifty paise

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55	Supllying and fixing 50mm GL Union, Complete as per specifications.	Nos	20.00	248.28	Two hundred Fourty Eight and twenty eight paise
56	Supllying and fixing 50mm GI Elbow Complete as per specifications.	Nos	20.00	124.09	one hundred twenty four and nine paise.
57	Supllying and fixing 50mm GI Nipple Complete as per specifications.	Nos	20.00	115.76	one hundred fifteen and Seventy six paise
58	Supllying and fixing 50mm GI Collars CE(M)BWSSB, Letter No. Complete as per specifications.	Nos	100.00	138.74	one hundred thirty Eight and Seventy four paise.
59	Supplying and fixing 50 mm GI pipes 'C' class heavy duty for erection of submersible pumpset Complete as per specifications.	Mtrs	408.00	447.01	Four hundred fourty Seven and one paise
60	Supplying and fixing gunmetal gate valve 50mm nominal bore Complete as per specifications.	Nos	20.00	1775.84	one thousand Seven hundred Seventy five and Eighty four paise
61	Cleaning of borewells including yield testing of borewell either using slow or fasr Rig for more than 2 hours at the tinal depth with a minimum working of 2 hours continuously with air compressor or suitable pump as per specification. Including the cost of transportation charges crew charges, cost of consumables etc., Complete as per specifications.	Each	3.00	11598.46	Eleven thousand five hundred Ninty Eight and fourty six paise.
62	Logging / Scanning of borewell at any continously with the help of logger unit using including the cost of transportation charges crew charges. Stationary charges and cost of consumables etc., Complete as per specifications.	Each	3.00	1465.07	one thousand Four hundred Sixty five and Seven Paise.
63	Yield Testing of Borewell at finl depth with a minmum of 10 hours continously with the help of Pump Testing Unit including the cost of transportation charges crew charges and cost of consumables Complete as per specifications.	Each	3.00	7935.79	Seven thousand Nine hundred thirty five and Seventy Nine paise

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64	Fishing of Power from the borewell including the cost of labour materials with all lead and lift etc., Complete as per specifications.	Each	3.00	5127.74	Five thousand one hundred twenty seven and seventy four paise
65	Old GI pipe threading and transportation charges Rs.27 Per Mtr = 6.00 Mtrs x 27/- Complete as per specifications.	Each	245.00	179.80	one hundred seventy nine and eighty paise

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